AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0005] with the following amended paragraph:

[0005] This invention addresses the foregoing drawbacks with the aid of solid state lighting devices which have significantly longer lifetimes than fluorescent tubes and no breakable glass parts, which can pose a significant clean room contaminant hazard. Solid state lighting devices can also be more than easily configured to produce ultraviolet-free light ~~more~~ than fluorescent tubes. Such light is desirable in clean rooms used for lithographic production of integrated circuits.

Please replace paragraph [0036] with the following amended paragraph:

[0036] By carefully regulating the power delivered to LEDs 26 over time, one may maintain adequate clean room light levels over longer time periods. Although LEDs 26 have

extremely long lifetimes (typically in excess of 100,000 hrs), their light output characteristic degrades over time if they are driven by a constant current signal. The "useful" lifetime of LEDs 26 (i.e. the time during which the light output of LEDs 26 is adequate for clean room illumination purposes) can be extended by regulating the power delivered to LEDs 26 such that their light output intensity does not fall below a prescribed minimum level. This can be achieved by installing suitable light sensors (not shown) in the clean room and regulating the drive current applied to LEDs 26 as a function of (for example, in inverse proportion to) the light sensors' output signals; or, by ~~manual~~ manually varying the power delivered to LEDs 26 by preselected amounts at preselected times; or, via a suitably programmed electronic controller (not shown) coupled to lighting fixtures 10 or modules 58. Such regulation of the drive current

applied to LEDs 26 may reduce the total lifetime of LEDs 26 if LEDs 26 are over-driven as they approach the end of their "useful" lifetimes, but the LEDs' total useful lifetime is extended as previously explained, and as is shown in Figures 12A-12F.